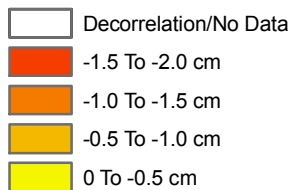© ESA 2007 - 2008

Land Subsidence in the Tucson Metropolitan Area
Based on ADWR EnviSat Time-Series InSAR Data
**Time Period of Analysis:  1.1 Years  02/23/2007 To 03/14/2008**

**02/23/2007 To 03/14/2008**

**Subsidence**

Decorrelation/No Data
-1.5 To -2.0 cm
-1.0 To -1.5 cm
-0.5 To -1.0 cm
0 To -0.5 cm

Subsidence Feature
Hardrock
CAP Canal

**Arizona Highways and Interstates**

Interstate
US
State
Roads
Railway

1:121,136

Miles
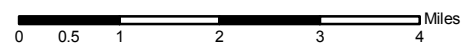0   0.5   1   2   3   4

Decorrelation (white areas) are areas where the phase
of the received satellite signal changed between
satellite passes, causing the data to be unusable.
This occurs in areas where the land surface has been
disturbed (i.e. bodies of water, snow, agriculture areas,
areas of development, etc).

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